CV300 Pneumatic Interlock Valve

Liquip's pneumatic interlock valve provides a pneumatic interlock on interlock bars, vapour adaptors or API adaptors.

The CV300 3/2 way pneumatic valve is used to identify that a hose has been connected to an adaptor for either loading, discharge or vapour recovery.

When mounted to GC300 guard bar, it can also form part of the pneumatic circuit to ensure the tank truck brakes are on and the vapour vents are open before product can flow.

Commonly mounted to the GC300 series guard bar, VCM450 vapour adaptor and API490 series adaptor.

CV300 model shown

Key Features

- 3 port pneumatic spool valve.
- Normally closed operation.
- Air supply to Port 1.
- Actuated air signal out from Port 2.
- Exhaust from Port 3.

Ordering Information

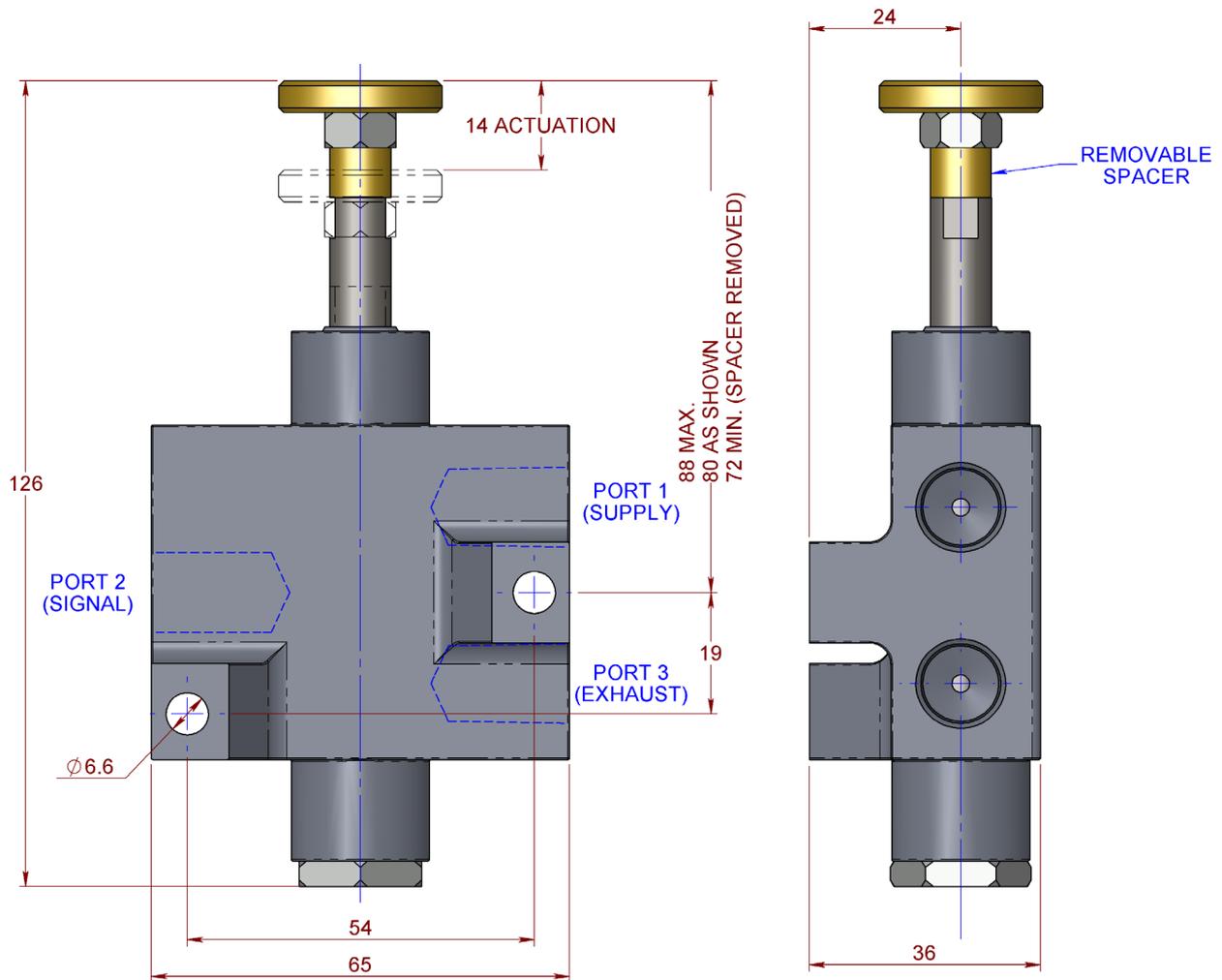**CV300:** Air Valve 3 Port with Push Button.

Technical Information

Ports	3 x ¼" BSPP ports (Max 850 kPa pressure).
Dimension	Height: 135mm Width: 65mm
Mounting	Standard Mounting to GC300 guard bar, VCM450 and API490 adaptors typically with M6 screws.
Weight	300g
Dismantle	No dismantle neccesary.
Adjustment	Button can be replaced with other contacts if required such as striker plate for vapour adaptor.
Materials	Body - Aluminium Spool - Stainless Steel Seals - Premium low swell Buna N
Associated Equipment	• GC300 Series: Vapour Gates • VCM450: Vapour Adaptor 4" Camlock • API490 Series: API adaptors

Instructions for Production House

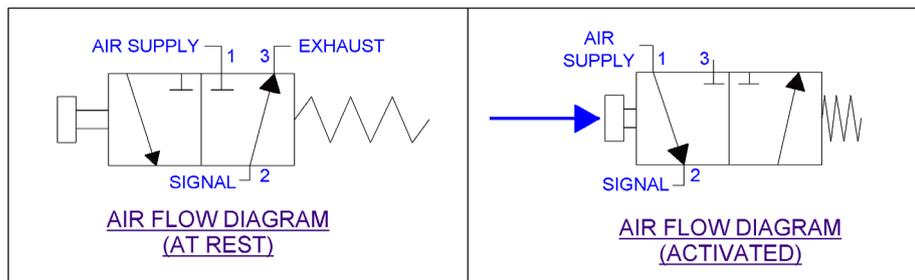| X	Paper Size: 8.5" X 11"
X	Black and White

CV300 AIR INTERLOCK VALVE

14 ACTUATION

24

REMOVABLE SPACER

126

88 MAX.
80 AS SHOWN
72 MIN. (SPACER REMOVED)

PORT 1 (SUPPLY)

PORT 2 (SIGNAL)

PORT 3 (EXHAUST)

19

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54

65

36

* MOUNTING BOLTS SUPPLIED SEPARATELY

NOTES:
1. ALL PORTS G¼" (BSPP)
2. ACTUATOR BUTTON SCREWS INTO ¼" UNC THREAD IN SPOOL

AIR SUPPLY   1   3   EXHAUST

SIGNAL   2

AIR FLOW DIAGRAM (AT REST)

AIR SUPPLY   1   3

SIGNAL   2

AIR FLOW DIAGRAM (ACTIVATED)